

SPLIT-2

Work Order ID 84395-1

\*84395\*

Page 1

May-11-12 8:20:54 AM

Item ID: D4002-041

Accept

\*N9000040100\*

Setup Start \*NS1\*

Revision ID:

Stop \*NS2\*

Item Name: Aux Tank Drain Hose Assembly, Fwd

Start Date: 11/05/2012 Start Qty: 2.00 \*2\*

Cust Item ID:

Required Date: 25/05/2012 Req'd Qty: 2.00 \*2\*

Customer:

Reference:

Run Start \*NR1\*

Approvals: Process Plan: *MLJ*

Date: *12/05/11* Tooling:

Date:

Stop \*NR2\*

QC:

Date:

SPC (Y/N):

Date:

Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Tool ID

Tool #

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

Draw Nbr

Revision Nbr

D4002

D

0.00

0.00

\*100\*

Purchasing

Purchasing

Memo

Issue P/O: *16948*  
Purchase part as per Dwg D4002  
Part #:156001-3S-0185  
Possible Supplier: Aviall / API  
Material release note required

*CL 12/05/11 (2)*

110

Receive & Inspect for Damage & Mat'l Certs

0.00

0.00

\*110\*

Packaging

Packaging

Memo

*12/05/11 (2)*





# Work Order ID 84395

May-11-12 8:20:54 AM

\*84395\*

Page 2

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Accept

\*N9000040100\*

Setup Start \*NS1\*

Revision ID:

Item Name: Aux Tank Drain Hose Assembly, Fwd

Stop \*NS2\*

Start Date: 11/05/2012 Start Qty: 2.00

\*2\*

Cust Item ID:

Required Date: 25/05/2012 Req'd Qty: 2.00

\*2\*

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start \*NR1\*

QC:

Date:

SPC (Y/N):

Date:

Stop \*NR2\*

Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Tool ID

Tool #

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

120

QC6- Inspect dimensions to drawing

0.00

\*120\*

QC

Memo

0.00

Quality Control

121

0.00

\*121\*

Small Fab

Memo

0.00

Small Fab

1- Assemble fitting, o-ring and valve as per dwg D4002  
2- Install label as per dwg

122

QC5- Inspect part completeness to step on W/O

0.00

\*122\*

QC

Memo

0.00

Quality Control

(42)

1x

12/06/07

1

12.06.07



# Work Order ID 84395

May-11-12 8:20:54 AM

**\*84395\***

Page 3

Item ID: D4002-041

Accept

**\*N9000040100\***

Setup Start **\*NS1\***

Revision ID:

Stop **\*NS2\***

Item Name: Aux Tank Drain Hose Assembly, Fwd

Start Date: 11/05/2012 Start Qty: 2.00 **\*2\***

Cust Item ID:

Required Date: 25/05/2012 Req'd Qty: 2.00 **\*2\***

Customer:

Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_  
QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Run Start **\*NR1\***

Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Identify as per dwg & Stock Location: <u>193</u>	0.00				<u>1</u>			
<b>*130*</b>									
Packaging	Memo	0.00							<u>12/04/08 JB</u>
Packaging									
140	QC21- Final Inspection - Work Order Release	0.00							
<b>*140*</b>									
QC	Memo	0.00							<u>12/6/11 DJ</u>
Quality Control									<u>MP</u> <u>12-06-08</u>





# Picklist Print

May-11-12 8:20:59 AM

Page 1

Work Order ID: 84395

\*84395\*

Parent Item: D4002-041

\*D4002-041\*

Parent Item Name: Aux Tank Drain Hose Assembly, Fwd

Start Date: 11/05/2012

Required Date: 25/05/2012

Start Qty: 2.00

Required Qty: 2.00

Comments: IPP rev A 10.01.21 new issue Prelim EC verified by:DD  
10.11.03 added MS29528-04 DD verified by:EC IPP rev B

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
156001-3S-0185 *156001-3S-0185* Hose Assembly		Purchased	No			110	Each	0.0000	1	2			
AN894D4-3 *AN894D4-3* Fitting		Purchased	No			121	Each	32.0000	1	2			
				<u>Location</u>			<u>Loc Qty</u>			<u>Loc Code</u>			
				ST328			32						
					120693		32						
MS29512-04 *MS29512-04* O-RING		Purchased	No			121	Each	35.0000	1	2			
				<u>Location</u>			<u>Loc Qty</u>			<u>Loc Code</u>			
				ST293			32						
					120693		32						
				ST294			3						
					118853		3						
MS29528-4 *MS29528-4* FUEL DRAIN VALVE		Purchased	No			121	Each	2.0000	1	2			
				<u>Location</u>			<u>Loc Qty</u>			<u>Loc Code</u>			
				GA			2						
					120528		2						
D2182-045 *D2182-045* Heat Shrink 4.5" Long		Manufactured	No			121	Each	0.0000	1	2			

(K)

Handwritten signatures and dates: 4/10/12, 12/06/07, 12/06/07, 12/06/07, 12/06/07.





# Picklist Print

May-11-12 8:20:59 AM

Page 2

Work Order ID: 84395

\*84395\*

Parent Item: D4002-041

\*D4002-041\*

Parent Item Name: Aux Tank Drain Hose Assembly, Fwd

Start Date: 11/05/2012

Required Date: 25/05/2012

Start Qty: 2.00

Required Qty: 2.00

D2729-1

Manufactured No

121

Each

0.0000

1

2

\*D2729-1\*

Dart Logo label

\*\*

*GP 12/06/07*

May-11-12 8:20:59 AM

Shop Packet Print

Page 2

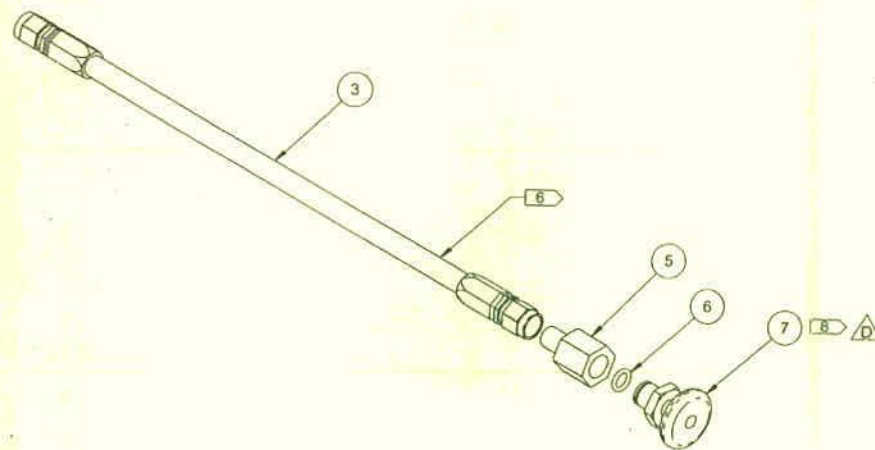


ITEM NO.	QTY. -941	QTY. -043	PART NUMBER	DESCRIPTION	JOHN CAMERON AVIATION PART NUMBER
1	X		D4002-041	AUX TANK DRAIN HOSE ASSEMBLY, FWD	JCA-M47-1-13
2		X	D4002-043	AUX TANK DRAIN HOSE ASSEMBLY, AFT	JCA-M47-1-16
3	1		D4002-1	HOSE ASSEMBLY	
4		1	D4002-3	HOSE ASSEMBLY	
5	1	1	AN894D4-3	FITTING	
6	1	1	MS29512-04	O RING	
7	1	1	CCB4320	FUEL DRAIN VALVE (MS29528-4)	

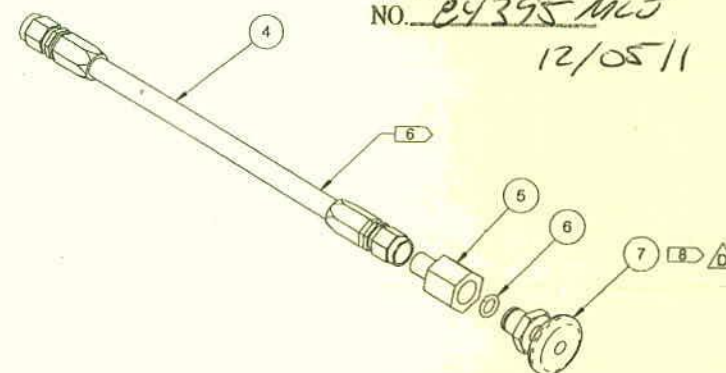
SHOP COPY  
RETURN TO  
ENGINEERING  
UNCONTROLLED COPY  
SUBJECT TO AMENDMENT  
WITHOUT NOTICE  
WORK ORDER

NO. 04395 MLJ

12/05/11



**D4002-041 DRAIN HOSE - FRONT**



**D4002-043 DRAIN HOSE - REAR**

**RELEASED**  
2011-11-16  
JW

- NOTES:  
1) MATERIAL: N/A  
2) FINISH: N/A  
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED  
4) UNITS: INCHES UNLESS OTHERWISE NOTED  
5) BREAK SHARP EDGES: N/A  
6) IDENTIFICATION: IDENTIFY WITH DART P/N AND B/N USING D2729-1 LABEL INSTALLED WITH D2182-045 HEAT SHRINK  
7) WEIGHT: D4002-041 - 0.21 lbs  
D4002-043 - 0.20 lbs  
8) DRAIN VALVE MAY NOT APPEAR EXACTLY AS PICTURED

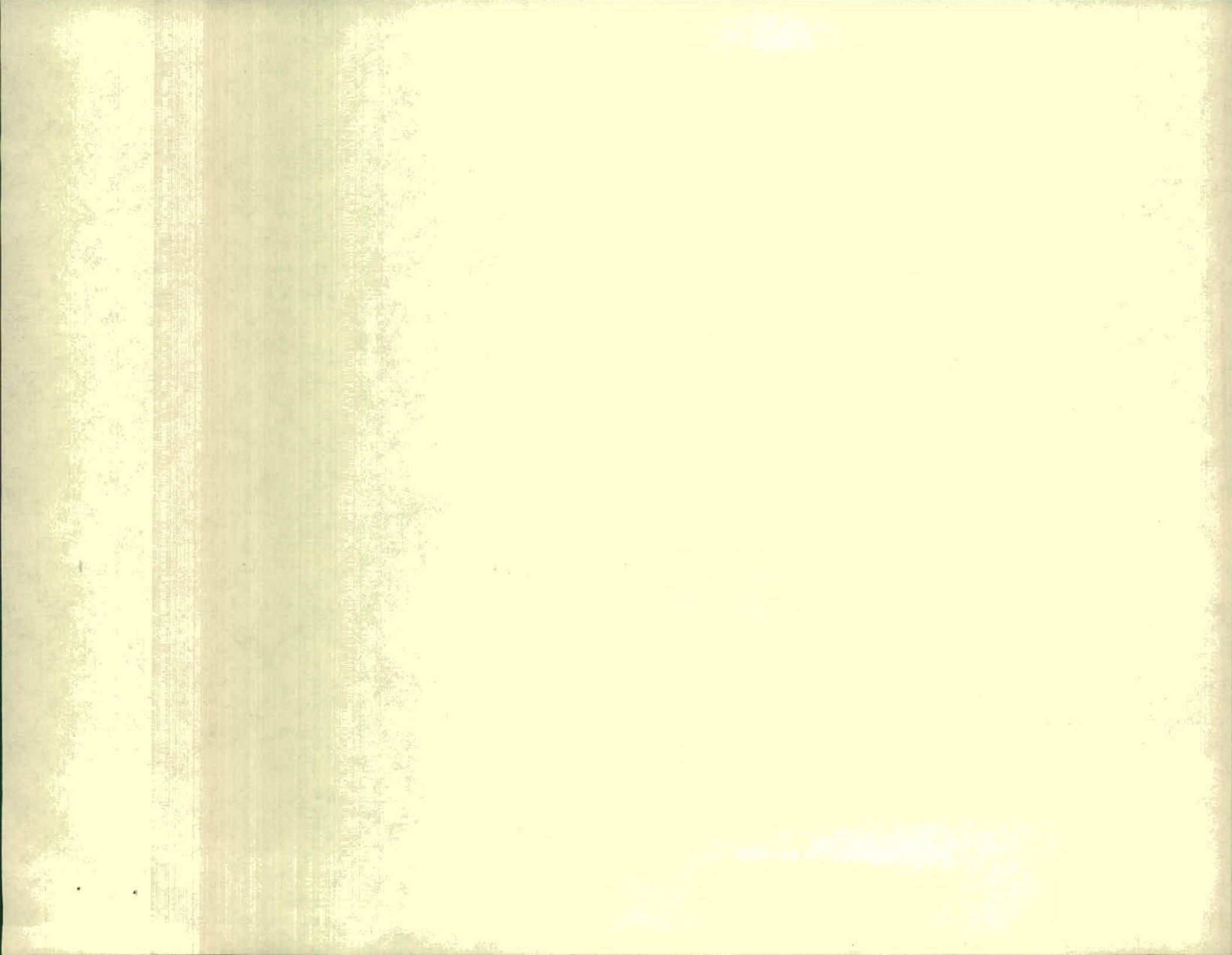
D	ADDED NOTE 8	DC	11.10.06
C	ADDED 6.00" TO D4002-1/3 HOSES; AFFECTED WEIGHT	MB	11.09.14
B	CHANGE LENGTH MEASUREMENT FOR -3, ZN C2-2	HS	10.11.03
A	NEW ISSUE	HS	10.03.01
REV.	DESCRIPTION	BY	DATE
DESIGN			
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	11.10.06		

**DART AEROSPACE LTD**  
HAWKESBURY, ONTARIO, CANADA

DRAWING NO.  
**D4002**  
REV. D  
SHEET 1 OF 2  
TITLE  
**HOSE ASSEMBLY**  
SCALE  
NTS

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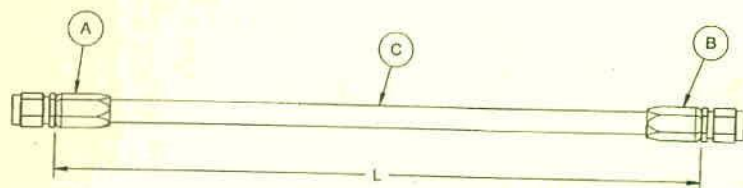




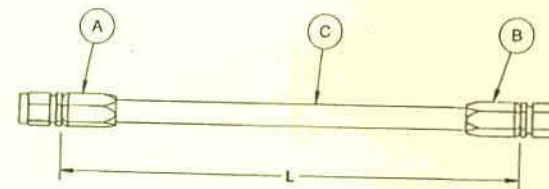
DART AEROSPACE PART NUMBER	JOHN CAMERON AVIATION PART NUMBER
D4002-1	REF JCA-M47-1-13
D4002-3	REF JCA-M47-1-16
D4002-5	JCA-M47-2-13
D4002-7	JCA-M47-2-25

# **SPECIFICATION CONTROL DRAWING**

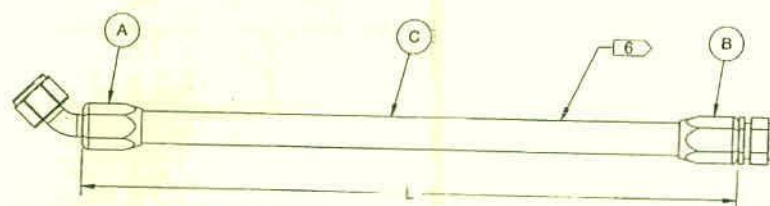
84395



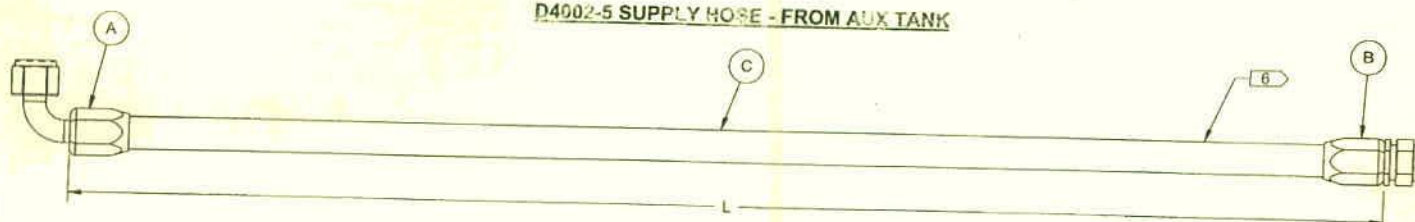
**D4002-1 HOSE ASSEMBLY**



**D4002-3 HOSE ASSEMBLY**



**D4002-5 SUPPLY HOSE - FROM AUX TANK**



**D4002-7 SUPPLY HOSE - PUMP TO MAIN TANK FILLER NECK**

DART PART NUMBER	STRATOFLEX PART NUMBER	POSSIBLE VENDOR	LENGTH "L"	END FITTING "A"	END FITTING "B"	HOSE "C"	WEIGHT
D4002-1	156001-3S-0185	AVIAL/API	17.90	676-3S	676-3S	156-3	0.16 lbs
D4002-3	156001-3S-0154	AVIAL/API	14.76	676-3S	676-3S	156-3	0.15 lbs
D4002-5	156003-6D-0102	AVIAL/API	8.94	678-6D	676-6D	156-6	0.13 lbs
D4002-7	156005-6D-0213	AVIAL/API	20.31	680-6D	676-6D	156-6	0.19 lbs

**RELEASED**  
2011-11-16

- NOTES:**  
 1) MATERIAL: N/A  
 2) FINISH: N/A  
 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED  
 4) UNITS: INCHES UNLESS OTHERWISE NOTED  
 5) BREAK SHARP EDGES: N/A  
 6) IDENTIFICATION: IDENTIFY WITH DART P/N AND B/N USING D2729-1 LABEL INSTALLED WITH D2182-045 HEAT SHRINK  
 7) WEIGHT: SEE TABLE

DESIGN		<b>DART AEROSPACE LTD</b>
DRAWN		HAWKESBURY, ONTARIO, CANADA
CHECKED		DRAWING NO. <b>D4002</b>
MFG. APPR.		REV. D
APPROVED		SHEET 2 OF 2
DE APPR.		TITLE <b>HOSE ASSEMBLY</b>
DATE	<b>11.10.06</b>	SCALE <b>NTS</b>

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 NOT TO BE USED FOR ANY PURPOSE OR DISCLOSED OR REPRODUCED IN ANY MANNER WITHOUT  
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**DART**  
aerospaceDart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053**PURCHASE ORDER**

Purchase Order ID PO16948

Purchase Order Date 5/11/12

PO Print Date 5/11/12

Page Number 1 of 2

## Order From :

VU-AVI003

AVIALL  
PO BOX 842267  
DALLAS, TX 75284-2267  
USAContact Name  
Vendor Phone 905-676-1695  
Vendor Fax 905-676-9046  
Vendor Account NbrBuyer Chantal Lavoie  
Requisition Nbr  
Tax Resale Nbr 10127-2607  
Terms Net 30  
Currency USD  
FOB Destination-CollectShip To : DART AEROSPACE LTD 1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA**FAKED**

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	193-8	Stratoflex	5/18/12 Yes	8.00 f	FedEx PI collect	\$5.0900	\$40.72
Special Inst: AS PER DWG D4063 REV. A B84287 NOTE: NEED 4 PCS CUT AT 24" LONG							
2	156003-6D-0102	Hose Assembly	5/18/12 Yes	6.00 Each	FedEx PI collect	\$115.0200	\$690.12
Special Inst: AS PER DWG D4002 REV. D B84285							
3	156001-3S-0185	Hose Assembly	5/18/12 Yes	2.00 Each	FedEx PI collect	\$109.5796	\$219.16
Special Inst: AS PER DWG D4002 REV.D B84395							

No substitution or deviation without  
consent.  
Certificate of Conformity or Material  
Certification required when applicable

Change Nbr: 1

Change Date: 5/11/12

My love  
and yours

1867





Hose Shop 2755 Regent Blvd. DFW Airport

75261

Phone 972-586-1380 Fax 972-586-1381 www.aviall.com

## TSO CERTIFICATION

It is hereby certified that (A) The parts and/or materials reflected herein were produced under Federal Aviation Administration approved manufacturing and quality control system/methods as set forth in the FAA issued technical standard order authorizations (TSOA) issued to Stratoflex and (B) such part and/or materials are new and are in condition for safe operation.

Aviall Order Number: 12257731

1. 156003-6D0102 6EA.
2. 156001-3S0185 2EA. *Schultz*
3. 156001-3S0154 2EA.

Signed:  Date: 5-15-12

"Aviall is not providing OEM parts. Aviall is an authorized Stratoflex distributor providing TSO assemblies. Numbers referenced per customer requirements are for customer reference ONLY and are in no way intended to be represented as OEM parts. Any reference to an OEM part number does not authorize or reflect installation authority for this part. The installation authority is provided by the mechanic installing this product in accordance with FAR Part 43".

If applicable, satisfactory compliance with the conditions and tests required for TSO approval indicates the hose assembly has met the minimum performance standards as stated in the TSO. Furthermore, it is the responsibility of the installer to determine the installation eligibility and that it will not cause the hose assembly to be subjected to conditions in excess of those for which it has been approved.

FORM# CERT -001







## PACKING LIST



SHIP

73745

PAGE: 2  
DATE: 05/15/12  
TIME: 14:11  
EMP#: 22554ORD TYP: RG 241  
CURRENCY: USD

CUSTOMER P.O.: PO16948

ORDER NUMBER: 0012257731- 73745  
ORDER DATE: 05/14/12

SHIP VIA: FED PLAM - COLLECT

B 032028  
I DART AEROSPACE LTD  
L 1270 ABERDEEN STREET  
HAWKESBURY CN K6A 1K7  
T CANADA  
OS  
H DART AEROSPACE LTD  
I 1270 ABERDEEN STREET  
P HAWKESBURY CN K6A 1K7  
T CANADA  
OS 41270  
H AVIALL DALLAS HOSE SHOP  
I AVIALL  
P HOSE SHOP  
F 2755 REGENT BLVD  
R DFW AIRPORT TX 75261-9048  
O  
M U.S.A.

LINE	MFG	ITEM DESCRIPTION	ORDER QUANTITY	SHIP QUANTITY	BACK ORDER	UOM	LIST PRICE	CUSTOMER PRICE	EXTENDED CUSTOMER PRICE
Country of Origin: U.S.A.									
4	10	193-8 HOSE: LOW PRESSURE, RUBBER Schedule B: 4009.31.0000 LOT 412121610 IN Country of Origin: U.S.A.	2	2		0 FT	8.48	5.0900	10.18
ECCN: EAR99									
5	1S	156003-6D0102 HOSE: MED PRESSURE, RUBBER REIN ST, REF: Schedule B: 4009.22.0050 LOT 51242199 EA Country of Origin: U.S.A.	6	6		0 EA	115.02	115.0200	690.12
ECCN: EAR99									
6	1S	156001-3S0185 HOSE: MED PRESSURE, RUBBER REIN ST, REF: Schedule B: 4009.22.0050 LOT 51242198 EA Country of Origin: U.S.A.	2	2		0 EA	109.57	109.5700	219.14
ECCN: EAR99									
7	1S	156001-3S0154 HOSE: MED PRESSURE, RUBBER	2	2		0 EA	105.62	105.6200	211.24

## CERTIFICATE OF CONFORMANCE

It is hereby certified that Aviall Services, Inc., is an approved distributor and meets all requirements of ISO9001, AS9100, AS9120 and AC 00-56 at 2750 Regent Blvd, DFW Airport, Texas. The products, articles or parts referenced on this document are in new or overhauled condition and were purchased from an approved source (FAA, EASA, TCCA, Mil Spec or Commercial). The Original Manufacturers' Certifications are maintained on file at our central office location, and copies are available upon request or at Aviall.com. For overhauled or repaired products, articles or parts, the original FAA 8130-3 / EASA Form 1 (Return to Service) or Yellow Tag, from the FAA/JAA/EASA approved Air Agency are attached to the component.

Rev 1.13

JR Hofmann, Director, Quality Assurance &amp; Training

Shipped Date

DISCOUNT TERMS APPLY ONLY TO SUB TOTAL. ALL RETURNED MERCHANDISE SUBJECT TO HANDLING FEE.  
THIS IS TO CERTIFY THAT AVIALL HAS COMPLIED WITH THE PROVISIONS OF THE FAIR LABOR STANDARDS ACT OF 1938 AMENDED.

CUSTOMER COPY

